

Figure 1: TOOL PRODUCTION PROCESSES**Traditional Process: Lengthy , requiring master****Boeing Process: Assembly using different adhesive and hand applied paddies****Present Invention: Streamlined process Using a machine dispensed curable paste**

- 5 which is both adhesive and a machinable coating

Traditional process

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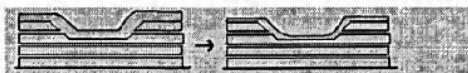
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Mold made from boards
or SMP in normal
mannerLaminate applied with
backing structureLaminated tool
produced**Boeing process**

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Honeycomb stacked
together and curedPatties applied by hand
and curedPatties cut to give final
tool

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New patent

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Honeycomb stacked and
stuck together with SMPPart cured and then cut
to give final tool